

**Abstract**

The invention concerns an apparatus for the removal of moisture from particulated, solid food products, comprising:

- a housing
- a perforated plate, creating two chambers in the housing
- gas-inlets, present below the perforated plate
- an outlet in the perforated plate, provided with a removable plug
- heating means for the gases

The invention further concerns a process for the removal of moisture from solid, small particles, by subjecting these particles, while in an annular, fluidized bed to a heat treatment for a specific time.